

Work Order ID 80887

March-02-12 1:01:24 PM

80887

Page 1

Item ID: D412-742-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Float Skidtube Installation

Stop ***NS2***

Start Date: 02/03/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 16/03/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-742

E

MCJ12(03/02

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-742-013 CHG007

Scrls

Ptd →

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

8P 12-03-5

120

QC4- 100% Inspect kit completeness

0.00

120

QC

Quality Control

Scrls

B81089

W/O: 80887		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: DH12-742-013 PAR #: _____ Fault Category: Prod Eng. NCR: Yes No DQA: AKZ Date: 12/04/04
 Resolution: Review Disposition: Review QA: N/C Closed: AKZ Date: 12/4/4

NCR: 12-1316		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
12/13/13	#100	Parts missing from w/o to 72W Part list R.L. w/o + Bom n't created correctly	J 12/13/13 AS2042	ADD missing Parts to Kit AN4C47A Bolt M 116451 24 x4	AKZ 12-03-13	12/13/13	J 12/13/13 AS2042	12/13/13
				update w/o + Bom ADD copy of Bom for ref.				

NOTE: Date & initial all entries

Work Order ID 80887

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80887

Page 2

Item ID: D412-742-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Float Skidtube Installation

Start Date: 02/03/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 16/03/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-742-013								
	Location: <u>SHIP</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

1x SP 12-03-15

12/3/16

MUE
12-03-16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Friday, March 02, 2012 1:08:21 PM

Page 1

Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM IPP RevC
 07-12-03 ECN 1072 DD verified by:JLM
 IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC IPP RevF: add
 AN4C7A DD 10.01.13 verified by:EC IPP Rev:G 11.11.01 as per
 DSI9517 REV.B DD verified by:EC IPP rev:H 12.01.12 PER IIN
 REV.E DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D412-742-043

Manufactured No

110

Each

0.0000

1

1

D412-742-043

Replacement Float Skidtube

D2571

Manufactured No

110

Each

16.0000

1

1

D2571

Saddle, Fwd Out 205

Location

Loc Qty

Loc Code

ST

1

11644

1

ST425

-13

ST432

15

78239

1

79425

2

79977

12

ST433

13

D2572

Manufactured No

110

Each

12.0000

1

1

D2572

Saddle, Fwd In 205

Location

Loc Qty

Loc Code

ST432

12

71107

2

79978

10

**

**

**

B81089 8p
 12-03-15
 B79977 8p

B79978 1x 8p
 12-03-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 80887

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Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

D2573

Manufactured No

110

Each

3.0000

1

1

**

D2573

Saddle, Aft Out 205

B 77717 SP 12-03-12

Location

Loc Qty

Loc Code

ST423

-12

79424

0

ST434

12

ST435

3

79424

3

D2574

Manufactured No

110

Each

3.0000

1

**

D2574

Saddle, Aft In 205

B 79718 SP 12-02-12

Location

Loc Qty

Loc Code

ST433

3

79423

3

D2876

Manufactured No

110

Each

115.0000

2

2

**

D2876

Saddle Spacer

SP 12-03-07

Location

Loc Qty

Loc Code

ST020

102

79693

102

ST025

13

76949

13

D2877

Manufactured No

110

Each

65.0000

2

2

**

D2877

Saddle Spacer

SP 12-03-07

Location

Loc Qty

Loc Code

ST020

65

77052

13

78843

52

2x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 80887

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Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

D3403-1

Manufactured No

110

Each

155.0000

8

8

**

D3403-1

Bushing

B80219 8x8P

Location

Loc Qty

Loc Code

ST041

15

70696

15

ST042

140

80208

40

80219

100

D3403-5

Manufactured No

110

Each

127.0000

8

8

**

D3403-5

Bushing

B80221 8x8P

Location

Loc Qty

Loc Code

ST042

127

79740

47

80221

80

D2747

Manufactured No

110

Each

178.0000

4

4

**

D2747

Set Screw

SP SP

Location

Loc Qty

Loc Code

ST017

178

77484

78

79520

100

5X

D3533-1

Manufactured No

110

Each

110.0000

2

2

**

D3533-1

Set Screw

B80326 2x SP
SP 12-03-02

Location

Loc Qty

Loc Code

ST053

100

80326

100

ST054

10

77611

10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

AN4C6A Purchased No

110 Each 502.0000 16 16

AN4C6A

Bolt

**

SP



Location

Loc Qty

Loc Code

FG
103344
ST356
116704
119749
120423
120521

4
4
498
7
191
200
100

16x

AN4C53A Purchased No

110 Each 6.0000 4 4

AN4C53A

Bolt

**

M/20364 4x
SP 12-03-13.

Location

Loc Qty

Loc Code

ST361
120754

6
6

AN4C52A Purchased No

110 Each 192.0000 4 4

AN4C52A

BOLT

**

SP 12-03-07.



Location

Loc Qty

Loc Code

ST361
117688
119641
120364
120465
~~120465~~

192
6
36
100
50

4x

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
12.03.13		Acceptable AN3CS2A bolts instead of AN3CS3A, qty (4)				CP 12.03.13 481642	S 12/13/13

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

AN6C12A

Purchased

No

110

Each

96.0000

8

8

AN6C12A

BOLT

**

Location

Loc Qty

Loc Code

ST341

96

119862

46

120423

50

D3672-3

Manufactured

No

110

Each

994.0000

32

32

D3672-3

Phenolic Washer

**

Location

Loc Qty

Loc Code

ST060

994

64176

180

76278

314

80370

500

AN960C416L

Purchased

No

110

Each

0.0000

32

32

*AN960C416I *

WASHER

**

D3672-9

Manufactured

No

110

Each

112.0000

8

8

D3672-9

Phenolic Washer

**

Location

Loc Qty

Loc Code

ST060

112

35523

112

NAS1149C0632R

Purchased

No

110

Each

123.0000

8

8

NAS1149C0632R

WASHER

**

Location

Loc Qty

Loc Code

ST297

123

119736

73

120308

50

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

D3672-11

Manufactured No

110

Each

459.0000

8

8

**

D3672-11

Phenolic Washer

Location

Loc Qty

Loc Code

ST060

459

77483

459

110

Each

1,569.000

29

29

**

MS21043-4

Purchased No

MS21043-4

Nut

Location

Loc Qty

Loc Code

FG

40

104603

40

ST300

42

118686

42

ST301

1487

117793

43

119309

5

119546

439

120308

1000

110

Each

55.0000

2

2

**

D3591-1

Manufactured No

D3591-1

Bushing

Location

Loc Qty

Loc Code

FP

54

77496

14

80377

40

ST055

1

57350

1

N/A

pre-assembled

12.23.13

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist-Print

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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

D3403-3

Manufactured No

110

Each

106.0000

8

8

D3403-3

Bushing

**

12-03-07

Location

Loc Qty

Loc Code

ST042

106

80209

6

80220

100

D3405-041

Manufactured No

110

Each

6.0000

D3405-041

Lug Assembly

**

12-03-13

Location

Loc Qty

Loc Code

ST478

6

62227

2

77000

2

78891

2

D3405-043

Manufactured No

110

Each

4.0000

D3405-043

Lug Assembly

**

12-03-13

Location

Loc Qty

Loc Code

ST423

2

65703

2

ST478

2

77685

2

AN4C7A

Purchased No

110

Each

243.0000

4

4

AN4C7A

Bolt

**

12-03-07

Location

Loc Qty

Loc Code

ST356

243

109147

243

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

D3407-041

Manufactured No

110

Each

4.0000

1

1

D3407-041

Tow Ring

**



Location

Loc Qty

Loc Code

ST463

4

76991

4

1

D3417-3

Manufactured No

110

Each

30.0000

2

2

D3417-3

Washer

**



Location

Loc Qty

Loc Code

FG

9

33519

9

ST042

21

66847

21

2x

D3456-1

Manufactured No

110

Each

101.0000

1

1

D3456-1

Washer

**



12-03-07



Location

Loc Qty

Loc Code

FG

7

25701

7

ST034

22

77486

22

ST044

72

66848

3

71165

2

73493

17

80252

50

1x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C37A

Purchased

No

110

Each

224.0000

1

1

**

AN3C37A

BOLT

Location

Loc Qty

Loc Code

ST354

224

116874

11

117010

2

118709

50

119324

25

119531

11

120308

25

120422

50

120731

50

AN3C40A

Purchased

No

110

Each

55.0000

1

1

**

AN3C40A

BOLT

Location

Loc Qty

Loc Code

ST354

55

112454

5

114442

50

AN3C41A

Purchased

No

110

Each

182.0000

1

1

**

AN3C41A

BOLT

Location

Loc Qty

Loc Code

FG

4

103324

4

ST354

178

119324

38

119530

60

119673

50

120753

30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C42A

Purchased

No

110

Each

53.0000

1

1

AN3C42A

BOLT

**

Location

Loc Qty

Loc Code

ST354

53

106176

1

118131

2

119673

25

120464

25

AN3C43A

Purchased

No

110

Each

193.0000

4

4

AN3C43A

BOLT

**

Location

Loc Qty

Loc Code

ST354

193

114455

2

119673

1

120364

90

120465

100

AN3C46A

Purchased

No

110

Each

115.0000

5

5

AN3C46A

BOLT

**

Location

Loc Qty

Loc Code

ST355

115

119673

5

120447

60

120479

30

120755

20

AN960C10L

NAS1149C0332

Purchased

No

110

Each

0.0000

26

26

*AN960C10I *

washer

**

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 80887

80887

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 3/2/2012

Required Date: 3/16/2012

Start Qty: 1.00

Required Qty: 1.00

MS21043-3

Purchased

No

110

Each

1,203.000

13

13

MS21043-3

Nut

**

Sp 12-03-02

Location

Loc Qty

Loc Code

FG

72

103691

72

GA

362

120693

362

ST300

276

119901

276

ST301

493

118077

2

118614

441

118686

30

119758

20

13x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries